

The Real World

"It's freezing in here!"

"It's boiling out here!"

The Temperature is rising.

The Science World

"Liquids in here are changing state to solids!"

"Liquids are turning into gases through vaporisation!"

"The average kinetic energy of the particles is increasing - they're getting faster."

The Real World

"Heat it up!"

That feels hot

That feels cold

The Science World

"Transfer energy
from an object with
a high temperature
to an object with a
lower temperature."

My hand is gaining
energy (heat)

My hand is losing
energy.